

## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

## (i) APPLICANT:

(A) NAME: UNIVERSITE D'AUVERGNE  
(B) STREET: 49 BOULEVARD FRANCOIS MITTERAND  
(C) CITY: CLERMONT-FERRAND  
(E) COUNTRY: FRANCE  
(F) POSTAL CODE: 63000

(ii) TITLE OF THE INVENTION: NOVEL PEPTIDES AND  
POLYPEPTIDES USEFUL FOR REGENERATING THE  
NERVOUS SYSTEM

(iii) NUMBER OF SEQUENCES: 14

## (iv) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk  
(B) COMPUTER: IBM PC compatible  
(C) OPERATING SYSTEM: PC-DOS/MS-DOS  
(D) SOFTWARE: PatentIn Release #1.0,  
Version #1.30 (EPO)

## (vi) DATA ON THE PREVIOUS APPLICATION:

(A) APPLICATION NUMBER: FR 9709016  
(B) FILING DATE: 16-JUL-1997

## (2) INFORMATION FOR SEQ ID NO: 1:

## (i) SEQUENCE CHARACTERISTICS:

(A) LENGTH: 8 amino acids  
(B) TYPE: amino acid  
(C) STRANDEDNESS: single  
(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

REPLACEMENT PAGE (RULE 26)

00462909-024400

*Sub  
as*

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 3
- (D) OTHER INFORMATION: Xaa means amino acid sequences comprising from 1 to 5 amino acids.

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 6
- (D) OTHER INFORMATION: Xaa means amino acid sequences comprising from 1 to 5 amino acids.

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:

Trp Ser Xaa Cys Ser Xaa Cys Gly  
1 5

(2) INFORMATION FOR SEQ ID NO: 2:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:

Trp Ser Pro Cys Ser Val Thr Cys Gly  
1 5

(2) INFORMATION FOR SEQ ID NO: 3:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

0044720" 60629460

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:

Trp Ser Ser Cys Ser Val Thr Cys Gly  
1 5

(2) INFORMATION FOR SEQ ID NO: 4:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:

Trp Ser Gln Cys Ser Val Thr Cys Gly  
1 5

(2) INFORMATION FOR SEQ ID NO: 5:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 3
- (D) OTHER INFORMATION: Xaa means Pro or X<sub>1</sub>-W-X<sub>2</sub>-X<sub>3</sub> where X<sub>1</sub>, X<sub>2</sub> and X<sub>3</sub> are chosen from G, S and C.

004420-60629460

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 6
- (D) OTHER INFORMATION: Xaa means amino acid sequences comprising from 1 to 5 amino acids.

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:

Trp Ser Xaa Cys Ser Xaa Cys Gly  
1 5

(2) INFORMATION FOR SEQ ID NO: 6:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 3
- (D) OTHER INFORMATION: Xaa means  $X_1$ -W-S- $X_3$  with  $X_1$  and  $X_3$  chosen from G, S and C

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 6
- (D) OTHER INFORMATION: Xaa means amino acid sequences comprising from 1 to 5 amino acids.

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:

Trp Ser Xaa Cys Ser Xaa Cys Gly  
1 5

(2) INFORMATION FOR SEQ ID NO: 7:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 11 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 3
- (D) OTHER INFORMATION: Xaa chosen from G, S and C

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 6
- (D) OTHER INFORMATION: Xaa chosen from G, S and C

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 9
- (D) OTHER INFORMATION: Xaa means amino acid sequences comprising from 1 to 5 amino acids.

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:

Trp Ser Xaa Trp Ser Xaa Cys Ser Xaa Cys Gly  
1 5 10

(2) INFORMATION FOR SEQ ID NO: 8:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single

REPLACEMENT PAGE (RULE 26)

004420 60629460

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:

Trp Ser Gly Trp Ser Ser Cys Ser Arg Ser Cys Gly  
1 5 10

(2) INFORMATION FOR SEQ ID NO: 9:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 10 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 1

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 4
- (D) OTHER INFORMATION: Xaa means amino acid sequences comprising from 1 to 5 amino acids.

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 7
- (D) OTHER INFORMATION: Xaa means amino acid sequences comprising from 1 to 5 amino acids.

(ix) FEATURE:

- (A) NAME/KEY: specific feature
- (B) LOCATION: 10

00462909-024400

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:

Xaa Trp Ser Xaa Cys Ser Xaa Cys Gly Xaa  
1 5 10

(2) INFORMATION FOR SEQ ID NO: 10:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 36 base pairs
- (B) TYPE: nucleotide
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: cDNA

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:

TGCWSNGGNT GGWSNWSNTG YWSNMGNWSN TGYGGN

36

(2) INFORMATION FOR SEQ ID NO: 11:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 9 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:

Trp Gly Pro Cys Ser Val Ser Cys Gly  
1 5

(2) INFORMATION FOR SEQ ID NO: 12:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 8 amino acids
- (B) TYPE: amino acid

004720-60629460

- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:

Asp Cys Lys Asp Gly Ser Asp Glu  
1 5

(2) INFORMATION FOR SEQ ID NO: 13:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 4 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:

Arg Lys Ala Arg  
1

(2) INFORMATION FOR SEQ ID NO: 14:

(i) SEQUENCE CHARACTERISTICS:

- (A) LENGTH: 12 amino acids
- (B) TYPE: amino acid
- (C) STRANDEDNESS: single
- (D) TOPOLOGY: linear

(ii) MOLECULE TYPE: peptide

(xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:

Ser Ser Cys Arg Ser Gly Cys Trp Gly Ser Ser Trp  
1 5 10

004720 50629460

Sub  
95  
Cmt